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A RE-ANALYSIS OF THE OUTER RING RADAR FACILITIES SURROUNDING LENINGRAD, USSR REVEALS THAT A TREND TO UPDATE THESE FACILITIES IS IN PROGRESS. THIS TREND CONSISTS OF THE ADDITION OF AT LEAST 1 RADAR MOUND, AS EVIDENCED AT VYBORG AND PODPOROZHYE AND 2 PROBABLE HARDSTANDS AS NOTED AT VYBORG.

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SCARRING ACTIVITY IS IN EVIDENCE AT THE PORKHOV, TAPA AND SORTAVALA FACILITIES INDICATING THAT SIMILAR ADDITIONS WHICH HAVE ALREADY BEEN NOTED AT VYBORG AND PODPOROZHYE ARE IN PROGRESS. AT ALL OF THE SITES, WITH THE EXCEPTION OF VYBORG, A NEGATION DATE FOR THE ACTIVITY OF [REDACTED] CAN BE ASCERTAINED AND THE VYBORG ACTIVITY CAN BE NEGATED IN [REDACTED]

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A BRIEF ANALYSIS OF THE RECENT ACTIVITY ASSOCIATED WITH EACH SITE FOLLOWS.

1. LENINGRAD/VYBORG OUTER RING DUAL TALL KING-AIR WARNING RADAR FACILITY - LOCATED 4.5 NM WNW OF THE CENTER OF VYBORG, USSR AT 6043N/2835E. MODIFICATIONS TO THE SITE CONSISTS OF THE ADDITION OF 1 LARGE RADAR MOUND (UNOCCUPIED), 2 PROBABLE HARDSTANDS (UNOCCUPIED) AND 1 UNIDENTIFIED BUILDING UNDER CONSTRUCTION.

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MAP REF: USATC 103-24HL, SERIES 200, 3RD ED, JUN 62.

2. LENINGRAD/PODPOROZHYE OUTER RING DUAL TALL KING-AIR WARNING RADAR FACILITY - LOCATED 6.5 NM SSE OF PODPOROZHYE, USSR AT 6048N/3415E.

ALTHOUGH CLOUD COVER OBSCURES 50PERCENT OF THE FACILITY, IT CAN BE SEEN THAT CERTAIN MODIFICATIONS HAVE TAKEN PLACE. THESE CONSIST OF THE ADDITION OF 1 UNOCCUPIED RADAR MOUND AND CABLE CONDUITS CONNECTING THE CONTROL BUNKER TO FOUR RADAR MOUNDS, THREE OF WHICH HAD BEEN SEEN ON EARLIER PHOTOGRAPHY. OF THE FOUR RADAR MOUNDS, ONLY 1 WAS OCCUPIED WITH A PROBABLE HEIGHT FINDER RADAR.

MAP REF: USAIC 102-16HL, SERIES 200, 3RD ED, JUL 63.

3. LENINGRAD/TAPA OUTER RING-DUAL TALL KING-AIR WARNING RADAR FACILITY - LOCATED 3.5 NM NE OF TAPA, USSR AT 5918N/2601E. RECENTLY IDENTIFIED GROUND SCARRING IS IN EVIDENCE ADJACENT TO THE RADAR MOUNDS SOUTH OF THE CONTROL BUNKER AND NEAR THE HARDSTAND NORTH OF THE CONTROL BUNKER.

MAP REF: USAIC 153-2H1, SERIES 200, 3RD ED, AUG 63.

4. LENINGRAD/SORTAVALA OUTER RING DUAL TALL KING-AIR WARNING RADAR FACILITY - LOCATED 13 NM NNW OF SORTAVALA, USSR AT 6152N/3025E. NEWLY IDENTIFIED GROUND SCARRING IS NOTED AT THE EASTERN PORTION OF THE FACILITY AS WELL AS BETWEEN THE WESTERNMOST TALL KING AND THE CONTROL BUNKER.

MAP REF: USAIC 103-15AL, SERIES 200, 2ND ED, NOV 59.

5. LENINGRAD/PORKHOV OUTER RING DUAL TALL KING-AIR WARNING RADAR FACILITY - LOCATED 4 NM SE OF PORKHOV, USSR AT 5744N/2940E. RECENT SCARRING ACTIVITY WAS NOTED ADJACENT TO THE EASTERNMOST

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HARDSTAND.

[REDACTED]

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MAP REF: USATC 153-14HL, SERIES 200, 3RD ED, DEC 62.

A RE-ANALYSIS OF THOSE INNER RING RADAR SITES AT LENINGRAD WAS PERFORMED ON ALL AVAILABLE LARGE SCALE PHOTOGRAPHY. OF THE THREE SITES COVERED ON LARGE SCALE PHOTOGRAPHY, ONLY 1 HAD SUFFICIENT INTERPRETABILITY TO IDENTIFY THE RADAR COMPONENTS AS TO TYPE.

THE LENINGRAD NORTHEAST INNER RING RADAR FACILITY, WHICH IS LOCATED 21 NM NE OF THE CENTER OF LENINGRAD, USSR AT 6005N/3102E, CONSISTS OF 6 OCCUPIED RADAR MOUNDS SUPPORTING TWO PROBABLE BAR LOCKS, 1 UNIDENTIFIED RANGE AND AZIMUTH FINDER RADAR AND 3 HEIGHT FINDER RADARS. NO OTHER EQUIPMENT COULD BE IDENTIFIED.

[REDACTED]

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MAP REF: USATC 103-25HL, SERIES 200, 3RD ED, JUN 62.

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[REDACTED]

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-END OF MESSAGE-

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ALSO PASSED

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